Series SF Sight Flow Transmitter integrates tangential turbine technology with hermetically sealed circuitry to provide accurate flow measurement and control in the harshest environments. The 2-wire loop-powered design transmits a 4 to 20 mA signal proportional to flow rate. Models can accurately measure flow in both directions and can be mounted in any orientation. Model SF11 has a clear polycarbonate viewing cover for visible indication of flow. Units feature LED power indication, adjustable zero and span, polarity protection and over current limiting.

Sight Flow Meters

SF2 Series

SF2 Sight Flow Meters combine visual confirmation of flow with a relay or pulse output. The brass, unibody construction, one piece composite rotor, and ceramic shaft delivers durability with broader chemical, temperature, and pressure capabilities. For aggressive chemical metering, and batching systems. Ideal for measuring flow rates in cooling and lubrication circuits, HVAC systems, and other applications requiring accurate flow measurement and control.

APPLICATIONS

Ideal for measuring flow rates in cooling and lubrication circuits, HVAC systems, aggressive chemical metering, and batching systems.

SPECIFICATIONS

Service: Compatible liquids.
Wetted Materials: 316 SS shaft and case, IgIcle® bearings, Buna-N seal and acetal copolymer, (polycarbonate cover on Model SF11).
Flow Range: 0.5 to 15 GPM (5.7 to 56.8 LPM).
Accuracy: ±2% FS.
Repeatability: 0.5% full scale.
Temperature Limits: 20 to 225°F (-7 to 107°C).
Pressure Limits: 500 psig (34 bar) ±15% max for ranges up to 60.0 GPM.
Response Time: 2 seconds to 90% (step change in flow rate).
Supply Voltage: 12 to 35 VDC.
Output: 4 to 20 mA.
Loop Resistance: 22 AWG x 9” (2.7 m).
Max. Particle Size: 100µm.
Agency Approvals: CE.

Iglide® is a registered trademark of Igus GMBH

CONTACT US

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For NIST traceable calibration certificate, use order code NISTCAL-FT1.